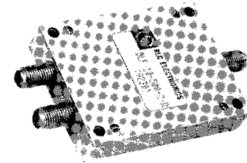


Power Dividers Low Frequency



RLC Electronics' DLF Series Power Dividers/Combiners covers a wide frequency range of 10 to 500 MHz, using unique lumped element designs to achieve the wide bandwidth.

They are housed in a convenient low profile (0.4 inch) SMA or Pin package.

Specifications

DLF-10-500¹⁻²

| Model Number | - | Isol. (dB) (Min) | VSWR (Max.) | I. L. (dB) (Max) | Amplitude Balance | Phase Degrees | Configuration R | | Configuration P | |
|----------------|-------|------------------|-------------|------------------|-------------------|---------------|-----------------|------|-----------------|------|
| | | | | | | | A | B | A | B |
| DLF-10-500 - 2 | 2 way | 20 | 1.50 | 0.8 | ±.3 | ±4 | 1.00 | 1.44 | .50 | .55 |
| DLF-10-500 - 3 | 3 way | 18 | 1.50 | 1.0 | ±.4 | ±4 | 1.00 | 1.88 | .50 | .70 |
| DLF-10-500 - 4 | 4 way | 20 | 1.50 | 1.5 | ±.4 | ±8 | 1.00 | 2.32 | .75 | .85 |
| DLF-10-500 - 6 | 6 way | 15 | 1.50 | 1.75 | ±.5 | ±8 | 1.25 | 3.20 | .90 | 1.15 |
| DLF-10-500 - 8 | 8 way | 17 | 1.50 | 2.0 | ±.6 | ±10 | 1.25 | 4.08 | 1.25 | 1.45 |

Power: 1 watts avg.
Impedance: 50 Ohms

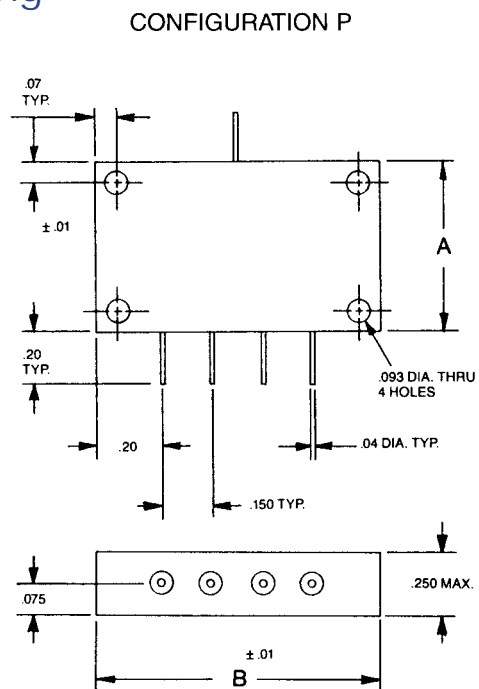
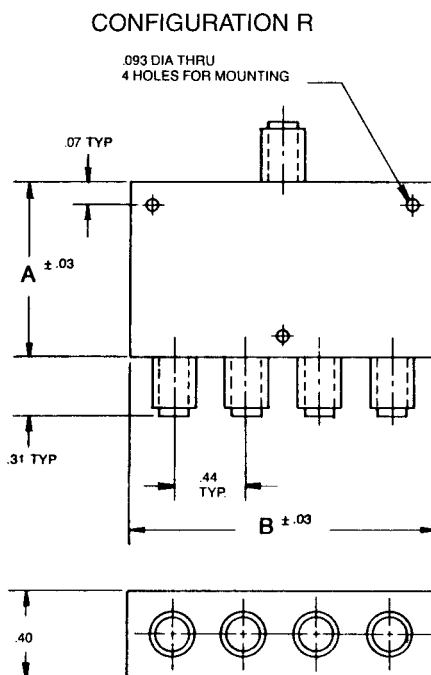
Connector: SMA or Pin
Environment: MIL-E-5400, Class 1A

To designate power divider desired use:

- (1) -2 for 2-way, -3 for 3way, etc.
- (2) R for SMA female or P for pins.

Example: DLF-10-500-4-R is a 4-way power divider with SMA connectors

Outline Drawing



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